

ABSTRACT

Disclosed are a hot melting mechanism, a fusing mechanism, a heating base mechanism, a closing and packing mechanism, a sterilization device, and an intelligent trash can. The hot melting mechanism comprises: an insulating base (12) provided with a groove (120) along the length direction; and a hot melting member (11) snap-fitted into the groove (120) and partially exposed of the groove (120). The hot melting member (11) is connected to a power supply circuit by means of a wire (13). In this way, the deformation of a hot melting working section in the length direction is controlled, so that the working edge of the hot melting member is kept straight, and the sealing effect on a garbage bag is thus effectively improved

<FIGURE 1>